

PLAN OF WORK UPDATE

Fiscal Years 2005-2006

College of Tropical Agriculture
and Human Resources
University of Hawaii at Manoa

Research and Extension Programs

I. OVERVIEW

The current (2000-2004) Plan of Work (POW) continues to address the agricultural and human resources issues of the State of Hawaii. The current POW continues to be a good plan that guides the development of Hawaii research and extension programs. The Hawaii research and extension programs continue to address the needs of stakeholders. All references to instruction (education) programs should be deleted from the current POW. Tables showing “Allocated Resources” for Goals 1, 3, 4, and 5 from the 2000-2004 POW have been updated to show projected allocations for 2005 and 2006. The current Hawaii POW does not have a program for Goal 2. Major revisions to the “Stakeholder Input Process” were made and described in detail in the 2002 POW Annual Report of Accomplishments and Results. Major revisions to the “Program Review Process” were made and described in detail in the 2003 POW Annual Report of Accomplishments and Results. An update of the Hawaii Multi-State Research program is provided below in terms of a list of MRF projects that Hawaii participates in currently. The current Hawaii research-extension integrated program is shown in the 2003 POW Annual Report of Accomplishments and Results. Finally an update of the Hawaii POW contacts is provided below.

II. PLANNED PROGRAMS – RESEARCH and EXTENSION

	Goal 1	Goal 2	Goal 3	Goal 4	Goal 5
1862 Extension and Research	Programs 1.1, & 1.2	Program 2.1	Program 3.1	Program 4.1	Programs 5.1, 5.2, 5.3, & 5.4

GOAL 1: AN AGRICULTURAL SYSTEM THAT IS HIGHLY COMPETITIVE IN THE GLOBAL ECONOMY -- ALLOCATED RESOURCES

Fiscal Year	Research Hatch and State Funds (\$)	Research Other Fed & Non Fed Funds (\$)	Research Scientist Years (SY)	Extension Smith-Lever & State Funds (\$)	Extension Other Funds (\$)	Extension Faculty Years (FY)
2000	8,500,000	5,000,000	54.0	2,640,000	25,000	33.0
2001	8,200,000	5,000,000	52.0	2,575,000	50,000	32.0
2002	8,200,000	5,000,000	52.0	2,575,000	50,000	32.0
2003	8,200,000	5,000,000	52.0	2,575,000	50,000	32.0
2004	8,200,000	5,000,000	52.0	2,575,000	50,000	32.0
2005	9,150,000	1,100,000	45.8	2,205,000	72,000	23.6
2006	9,150,000	1,100,000	45.8	2,205,000	72,000	23.6

GOAL 3: A HEALTHY WELL-NOURISHED POPULATION -- ALLOCATED RESOURCES

Fiscal Year	Research Hatch and State Funds (\$)	Research Other Fed & Non Fed Funds (\$)	Research Scientist Years (SY)	Extension Smith-Lever & State Funds (\$)	Extension Other Funds (\$)	Extension Faculty Years (FY)
2000	235,000	190,000	2.0	270,000	15,000	3.0
2001	225,000	190,000	2.0	260,000	25,000	3.0
2002	225,000	190,000	2.0	260,000	25,000	3.0
2003	225,000	190,000	2.0	260,000	25,000	3.0
2004	225,000	190,000	2.0	260,000	25,000	3.0
2005	259,000	110,000	1.6	82,000	121,000	1.2
2006	259,000	110,000	1.6	82,000	121,000	1.2

GOAL 4: GREATER HARMONY BETWEEN AGRICULTURE AND THE ENVIRONMENT -- ALLOCATED RESOURCES

Fiscal Year	Research Hatch and State Funds (\$)	Research Other Fed & Non Fed Funds (\$)	Research Scientist Years (SY)	Extension Smith-Lever & State Funds (\$)	Extension Other Funds (\$)	Extension Faculty Years (FY)
2000	670,000	240,000	7.5	820,000	20,000	14.0
2001	650,000	240,000	7.0	800,000	40,000	13.0
2002	650,000	240,000	7.0	800,000	40,000	13.0
2003	650,000	240,000	7.0	800,000	40,000	13.0
2004	650,000	240,000	7.0	800,000	40,000	13.0
2005	877,000	459,000	5.2	486,000	67,000	6.6
2006	877,000	459,000	5.2	486,000	67,000	6.6

GOAL 5: ENHANCED ECONOMIC OPPORTUNITY AND QUALITY OF LIFE FOR AMERICANS -- ALLOCATED RESOURCES

Fiscal Year	Research Hatch and State Funds (\$)	Research Other Fed & Non Fed Funds (\$)	Research Scientist Years (SY)	Extension Smith-Lever & State Funds (\$)	Extension Other Funds (\$)	Extension Faculty Years (FY)
2000	175,000	50,000	2.0	1,750,000	200,000	25.0
2001	170,000	50,000	2.0	1,700,000	250,000	24.0
2002	170,000	50,000	2.0	1,700,000	250,000	24.0
2003	170,000	50,000	2.0	1,700,000	250,000	24.0
2004	170,000	50,000	2.0	1,700,000	250,000	24.0
2005	270,000	100,000	2.4	1,372,000	31,000	16.6
2006	270,000	100,000	2.4	1,372,000	31,000	16.6

III. STAKEHOLDER INPUT PROCESS

Agricultural Commodities

An update of the Hawaii Stakeholder Input Process is presented in the 2002 POW Annual Report of Accomplishments and Results.

IV. PROGRAM REVIEW PROCESS

MERIT REVIEW

An update of the Hawaii Merit Review Process is presented in the 2003 POW Annual Report of Accomplishments and Results.

PEER REVIEW

An update of the Hawaii Peer Review Process is presented in the 2003 POW Annual Report of Accomplishments and Results.

V. MULTISTATE RESEARCH AND EXTENSION ACTIVITIES

HATCH MULTI-STATE RESEARCH

HATCH MULTISTATE (REGIONAL) RESEARCH PROJECTS		
Multi-State Project Number	Title	Participating States
NC-131	Molecular Mechanisms Regulating Skeletal Muscle Growth and Differentiation	AZ, CA-D, HI, IA, ID, IL, IN, KS, MI, MN, NC, NE, OH, OR, PA, SD, UT, WA, WI
NE-124	Genetic Manipulation of Sweet Corn Quality and Stress Resistance	DE, FL, HI, ID, IL, IN, MN, NYC, NYG, OH, OR, WI
NE-167	Family Business Viability in Economically Vulnerable Communities	HI, IA, IN, MN, MT, ND, OH, OK, RI, UT, WI
NE-1008	Assuring Fruit and Vegetable Product Quality and Safety Through the Handling and Marketing Chain	CA-D, GA, HI, IN, MD, ME, MI, NC, NYC, NYG, PA, WA
NRSP-008	National Animal Genome Research Program	AL, AR, CA-D, DE, HI, IA, IN, KY, LA, MI, MN, NE, NJ, NM, NYC, OK, RI, SC, TX, UT, WA, WI
S-009	Plant Genetic Resources Conservation and Utilization (S-009)	AL, AR, FL, GU, HI, LA, MS, NC, OK, PR, SC, TN, TX, VA, VI

HATCH MULTISTATE (REGIONAL) RESEARCH PROJECTS		
Multi-State Project Number	Title	Participating States
S-1000	Animal Manure and Waste Utilization, Treatment and Nuisance Avoidance for a Sustainable Agriculture (S275)	AL, AR, CA-D, CO, FL, GA, GU, HI, IA, ID, IL, IN, KY, LA, MI, MN, NC, OH, PA, SC, TN, TX, VA, WI
W-1003	Parent and household influences on calcium intake among preadolescents	AL, AZ, CA-D, CO, HI, IN, MI, MN, NM, OR, WA, WY
S-1007	The Science and Engineering for a Biobased Industry and Economy	AR, AZ, CA-D, FL, HI, IA, IL, IN, KS, KY, LA, MI, MN, MS, MT, NC, ND, NE, OK, OR, SC, SD, TN, TX, UT, VA, WA, WI, WVA
W-006	Plant Genetic Research Conservation and Utilization	AZ, CA-B, CA-D, CO, HI, ID, MT, NM, OR, UT, WA, WY
W-045	Mechanisms and Mitigation of Agrochemical Impacts on Human and Environmental Health	CA-B, CA-D, CA-R, FL, HI, IN, KS, NM, NV, NYC, OR, UT, WA
W-106	Multistate Research Coordination, Western Region	AK, AZ, CA-A, CO, GU, HI, ID, MT, Micronesia, NM, NMA, NV, OR, SAM, UT, WA, WY
W-112	Reproductive Performance in Domestic Ruminants	AK, AZ, CA-D, CO, HI, ID, KS, MN, MO, MT, NE, NM, NV, OH, OR, TX, WA, WY
W-128	Micro-Irrigation: Management Practices to Sustain Water Quality and Agricultural Productivity	AL, AZ, CA-D, FL, GU, HI, IA, ID, IN, KS, MN, NM, NYG, OR, PR, TX, VA, VI, WY
W-170	Chemistry and Bioavailability of Waste Constituents in Soils	AR, CA-R, CO, FL, GU, HI, IA, IL, IN, KS, MI, MO, MT, NM, NYC, OH, OK, OR, PA, TX, VA, WA, WY
W-173	Stress Factors of Farm Animals and Their Effects on Performance	AL, AZ, CA-D, CO, FL, HI, IA, IL, KS, KY, MO, MS, NE, NYC, TN, TX
W-190	Water Conservation, Competition and Quality in Western Irrigated Agriculture	AZ, CA-B, CA-D, CO, GA, HI, IN, KS, NC, ND, NE, NM, OR, TX, UT, WA
W-1004	Marketing, Trade, and Management of Fisheries and Aquaculture Resources	AK, FL, HI, LA, OR, RI, WA
W-1185	Biological Control in Pest Management Systems of Plants	AZ, CA-B, CA-D, CA-R, CO, GU, HI, ID, KS, MT, ND, NJ, NM, NYC, OR, SAM, UT, WA
W-1186	Genetic Variability in the Cyst and Root-Knot Nematodes	AR, AZ, CA-R, HI, MI, NE, NM, OR, WA, WY
NRSP-004	A national agricultural program to clear pest control agents for minor uses	AK, AZ, CA-D, CO, FL, GU, HI, ID, MT, NM, NV, OR, UT, WA, WY

HATCH MULTISTATE (REGIONAL) RESEARCH PROJECTS		
Multi-State Project Number	Title	Participating States
WCC-020	Virus and virus like diseases of fruit trees, small fruits and grapevines	CA-B, CA-D, CO, HI, NYG, PA, SC, WA
WCC-069	Coordination of Integrated Pest Management Research & Extension/Educational Programs for the Western United States & Pacific	AZ, CA-D, CA-R, CO, HI, MT, NM, NMA, OR, UT, WA, WY
WCC-093	Western Region Soil Survey and Inventory	AK, AZ, CA-B, CA-D, CA-R, CO, HI, ID, MT, NM, OR, UT, WA, WY
WCC-103	Nutrient Management and Water Quality	AZ, CO, HI, ID, MT, NM, OR, UT, WA, WY
WCC-205	Integrated Water Quality Research and Extension Programs for the Western United States	AK, AZ, CA-R, GA, HI, ID, NM, OR, SAM, UT, WA, WY
WCC-206	Pacific Basin Tropical Agriculture	GU, HI, SAM

HATCH MULTISTATE RESEARCH: ALLOCATED RESOURCES

Fiscal Year	Research Hatch Funds (\$)	Research State Funds (\$)	Research Other Fed & Non Fed Funds (\$)	Research Scientist Years (SY)
2000	410,000	1,450,000	650,000	9.5
2001	410,000	1,400,000	650,000	9.0
2002	410,000	1,400,000	650,000	9.0
2003	410,000	1,400,000	650,000	9.0
2004	410,000	1,400,000	650,000	9.0
2005	393,000	1,999,000	158,000	5.3
2006	393,000	1,999,000	158,000	5.3

NON-HATCH (T-STAR/ADAP) MULTISTATE RESEARCH: ALLOCATED RESOURCES

Fiscal Year	Research State Funds (\$)	Research T-Star/ADAP Funds (\$)	Research Scientist Years (SY)
2000	350,000	950,000	3.0
2001	330,000	950,000	3.0
2002	330,000	950,000	3.0
2003	330,000	950,000	3.0
2004	330,000	950,000	3.0
2005	300,000	1,000,000	4.0
2006	300,000	1,000,000	4.0

VI. INTEGRATED RESEARCH AND EXTENSION ACTIVITIES

An update of the Hawaii research and extension integrated activities is presented in the 2003 POW Annual Report of Accomplishments and Results.

VII. PLAN OF WORK CONTACTS

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